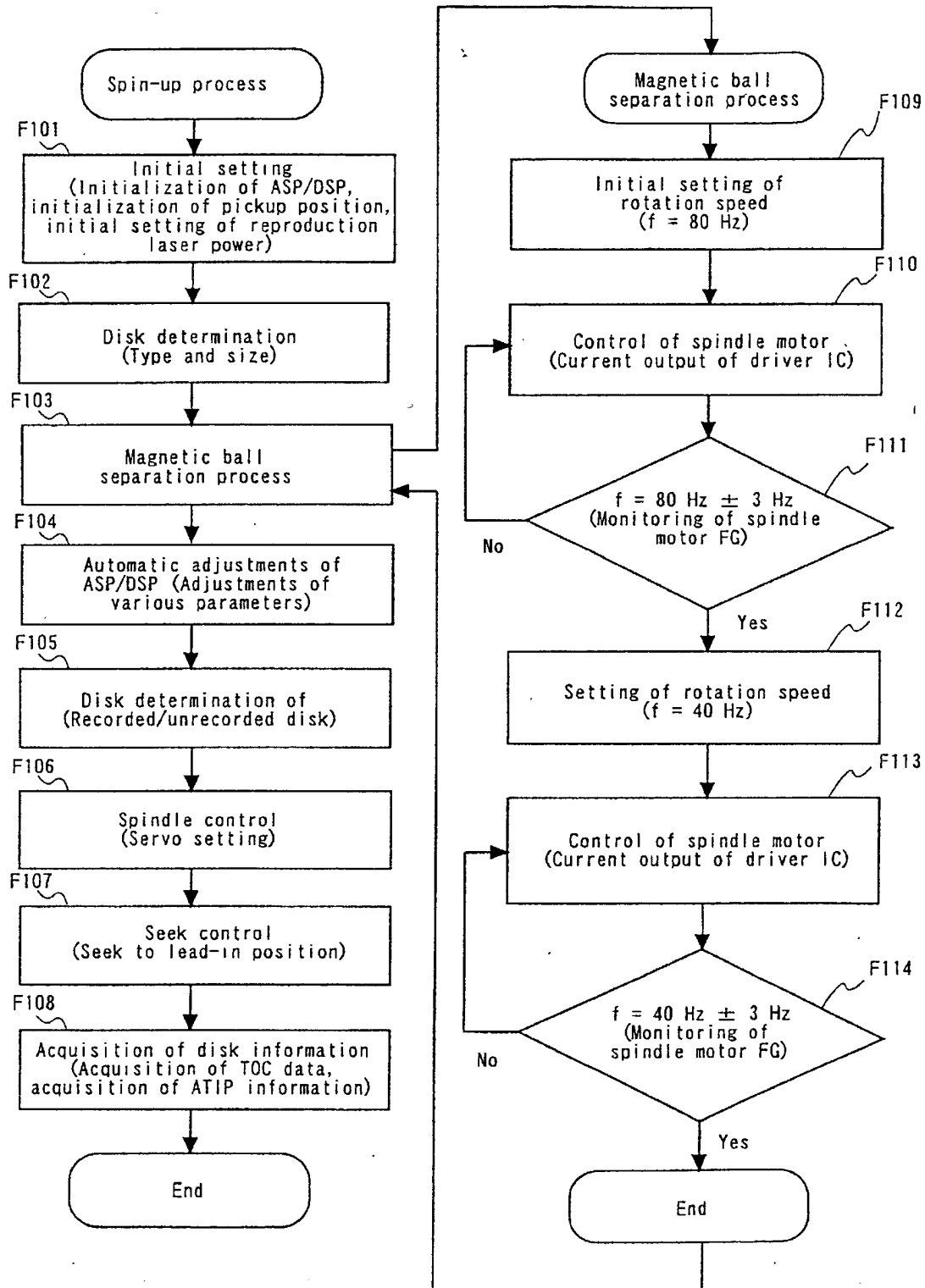


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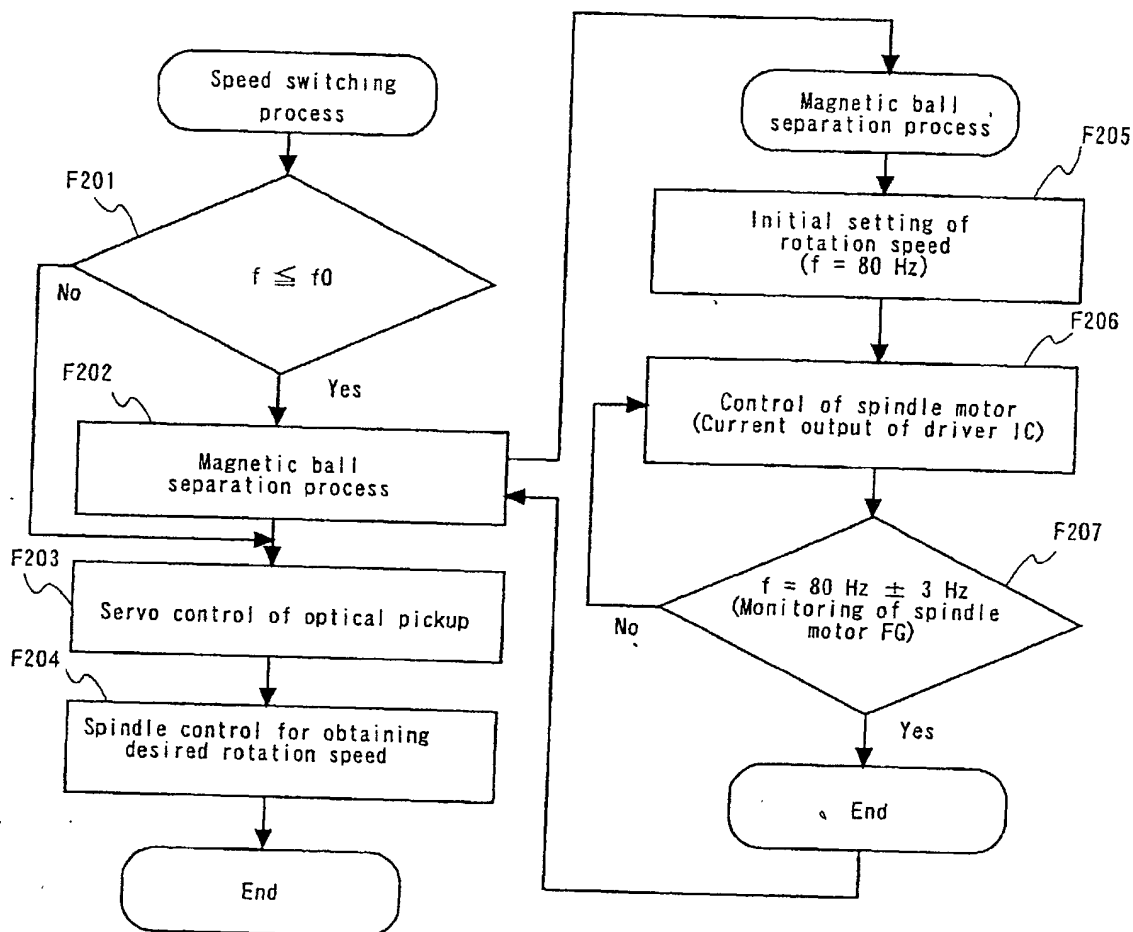
FIG. 1



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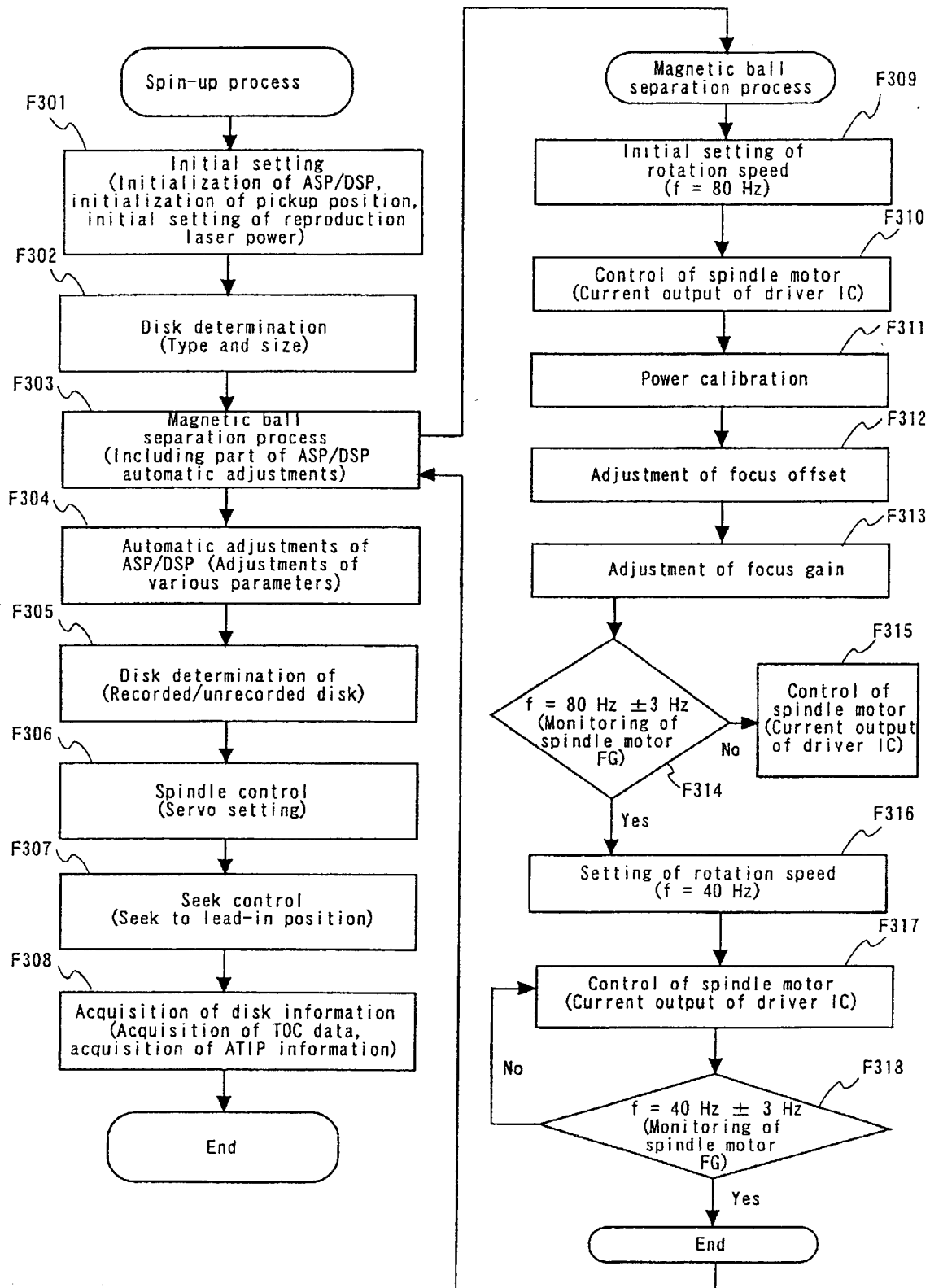
FIG. 2



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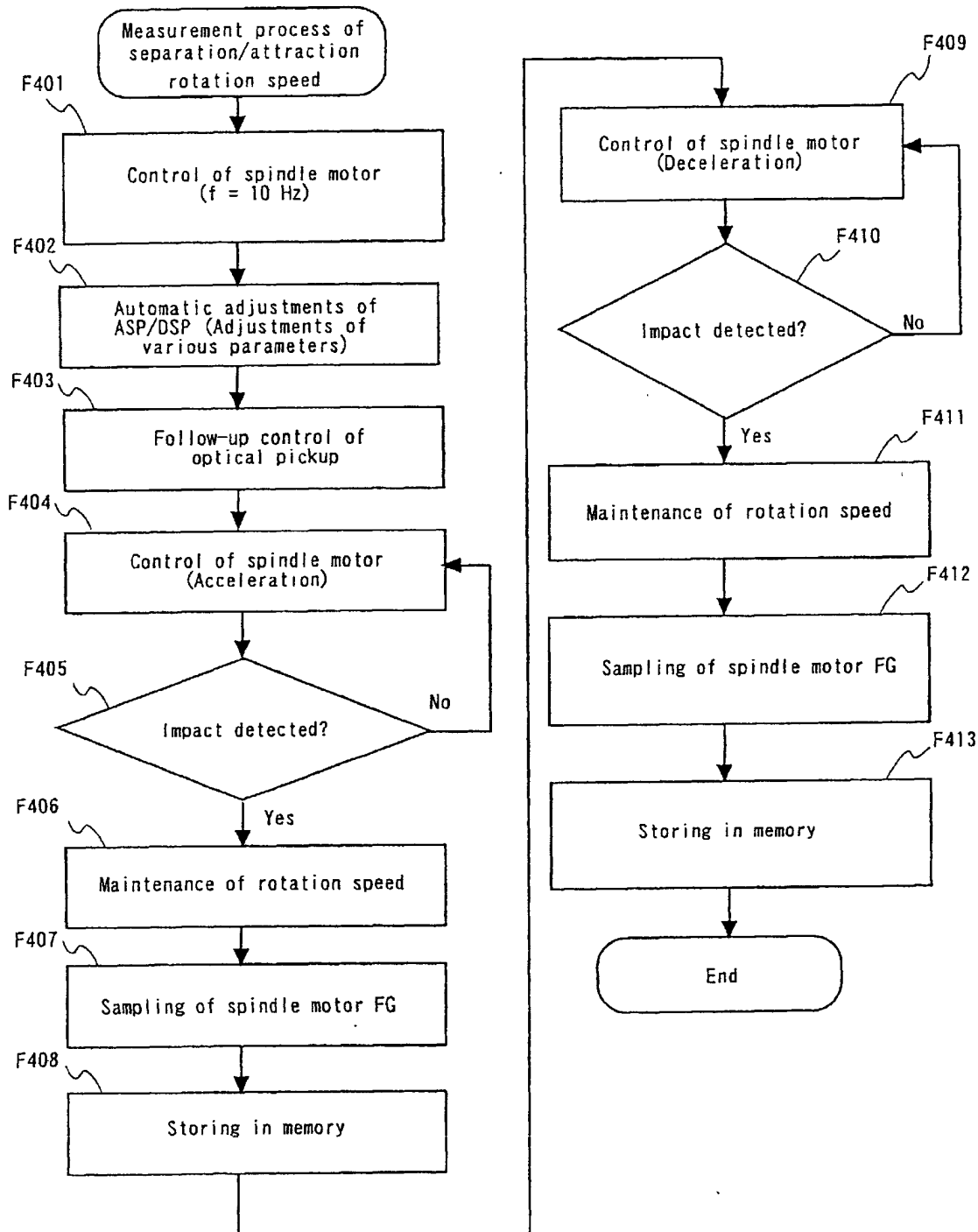
FIG. 3

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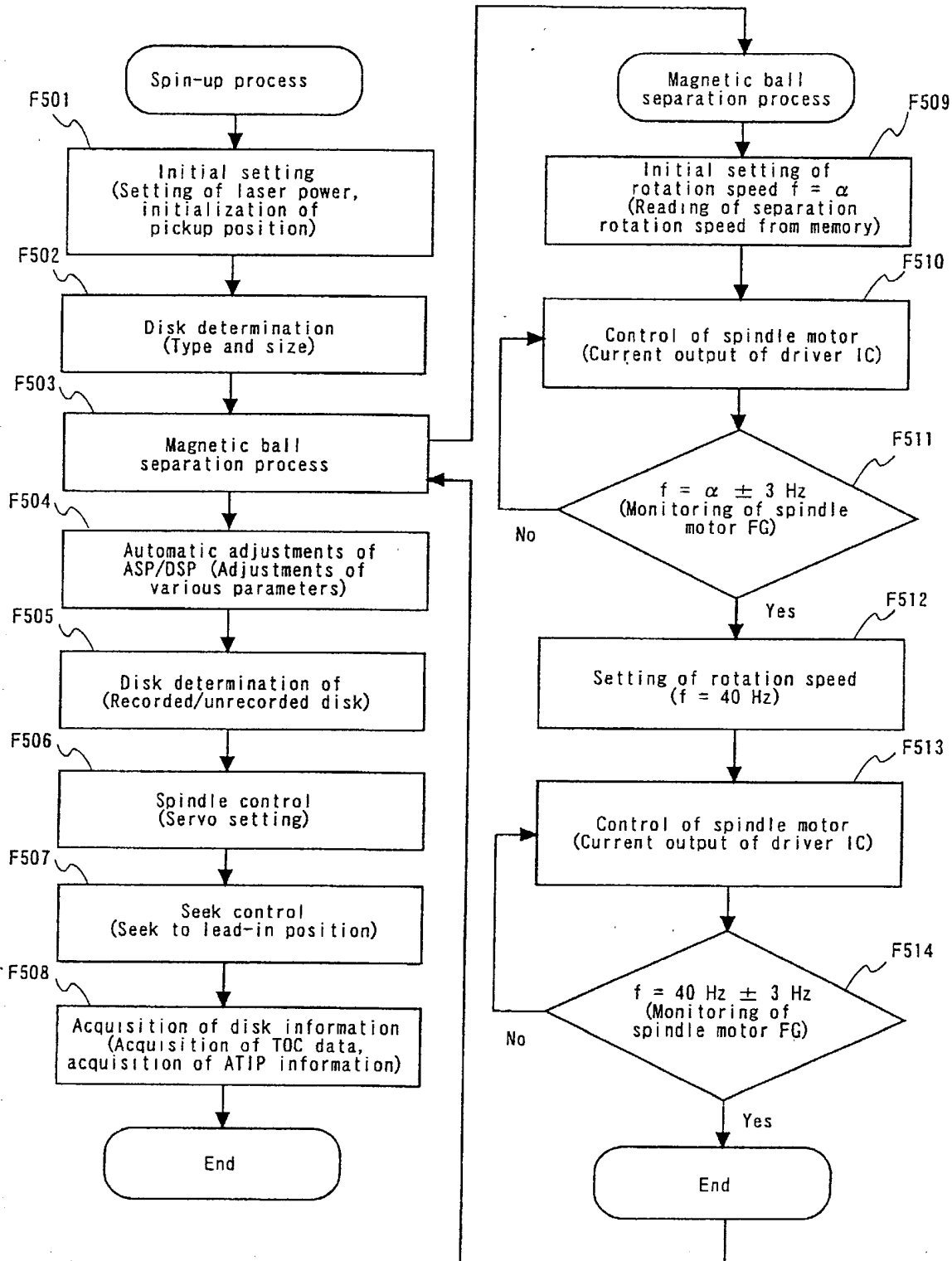
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FIG. 4



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FIG. 5



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FIG. 6

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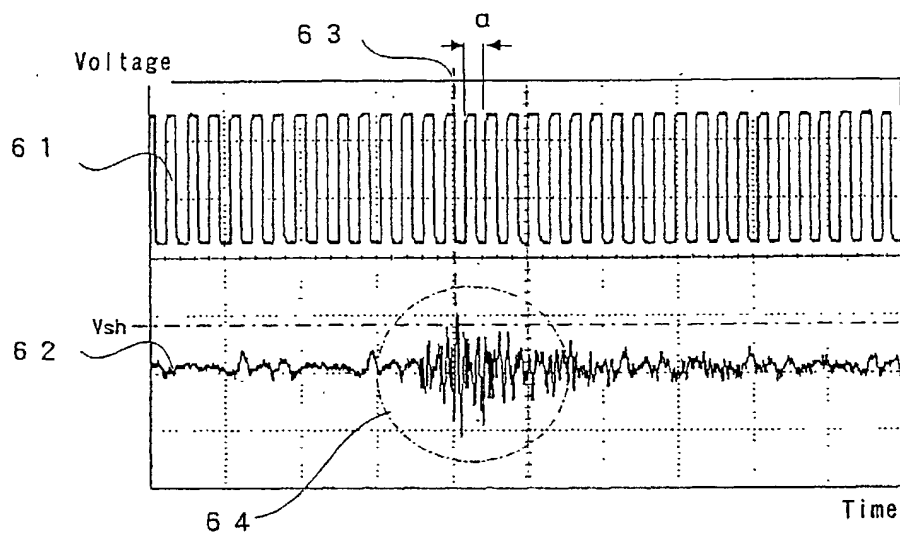
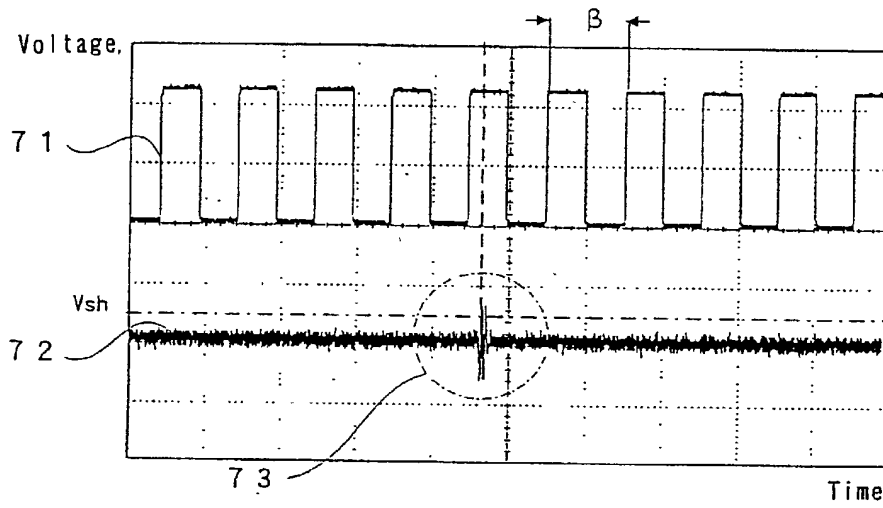


FIG. 7

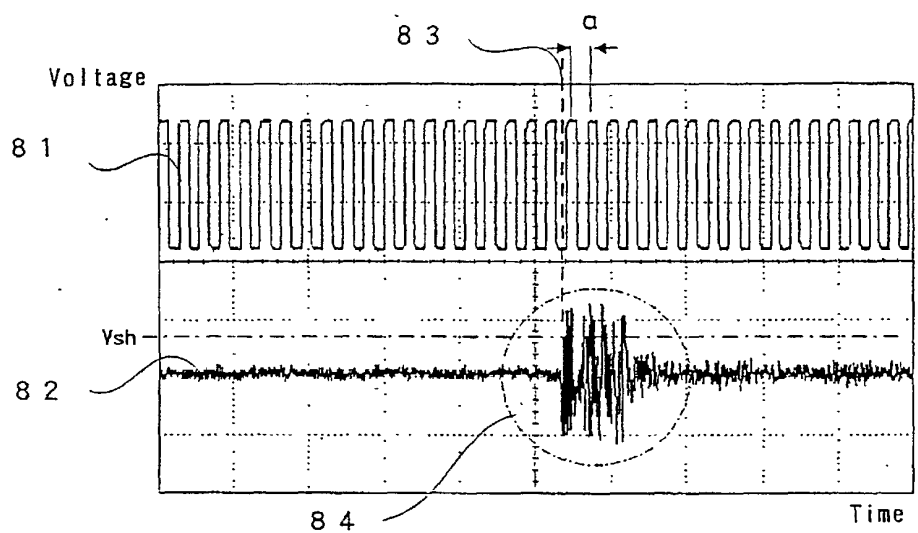
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FIG. 8

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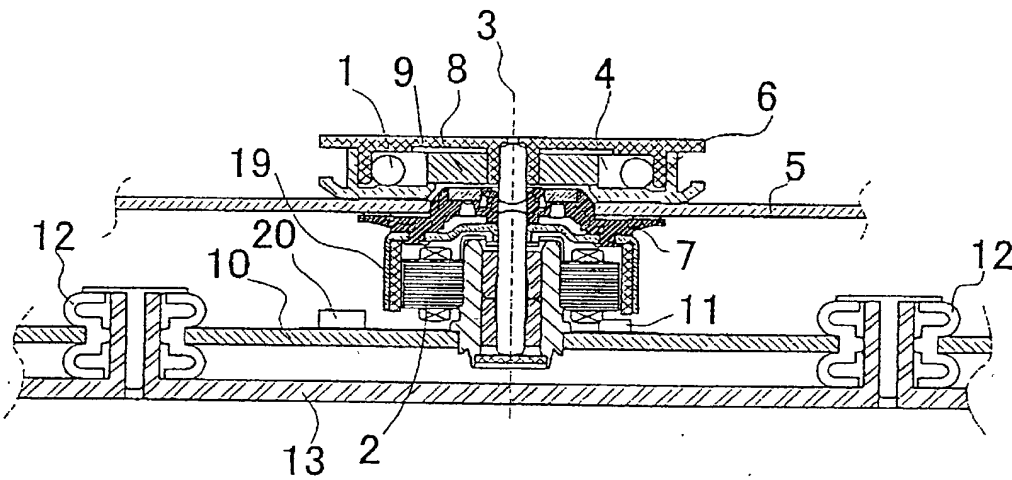




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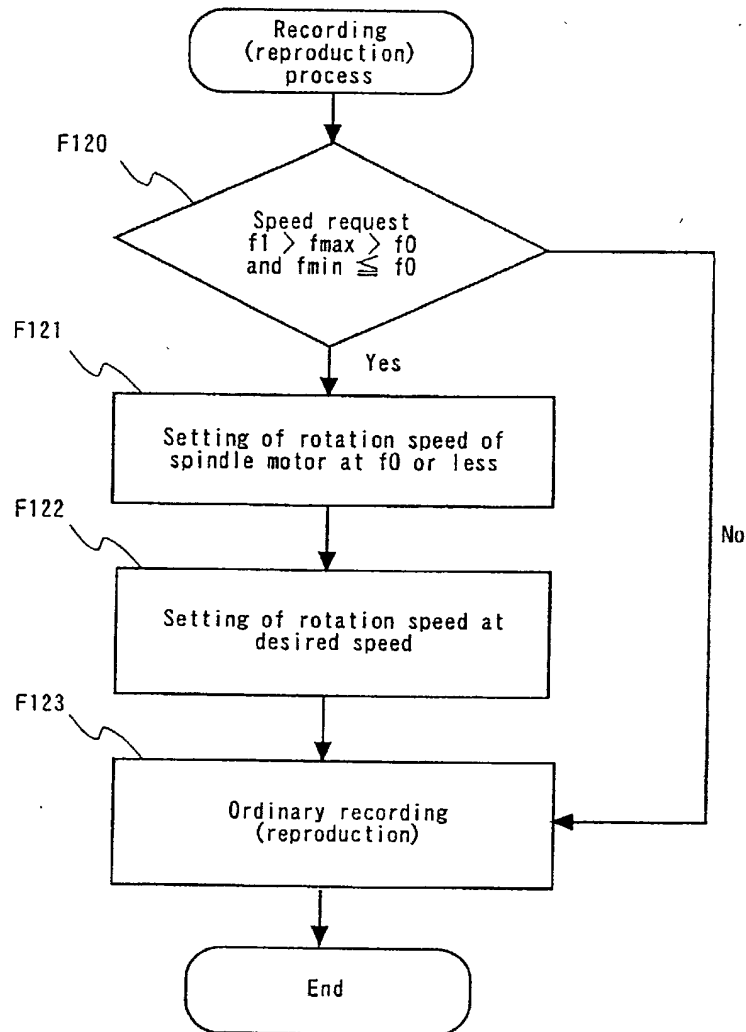
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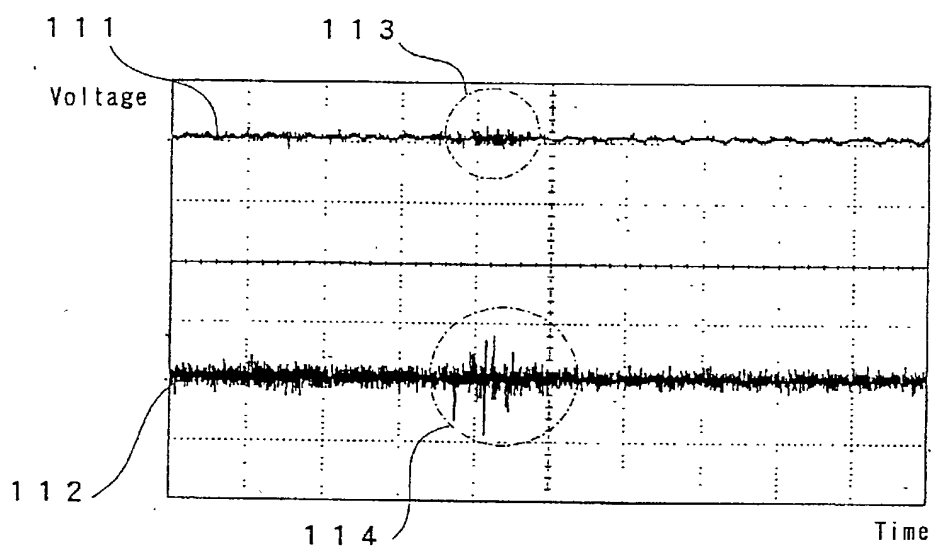
FIG. 10



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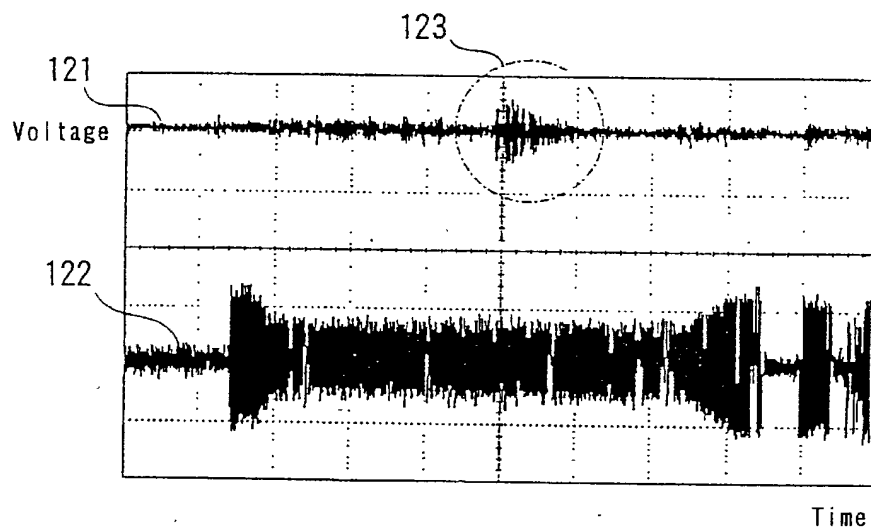
FIG. 11



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FIG. 12

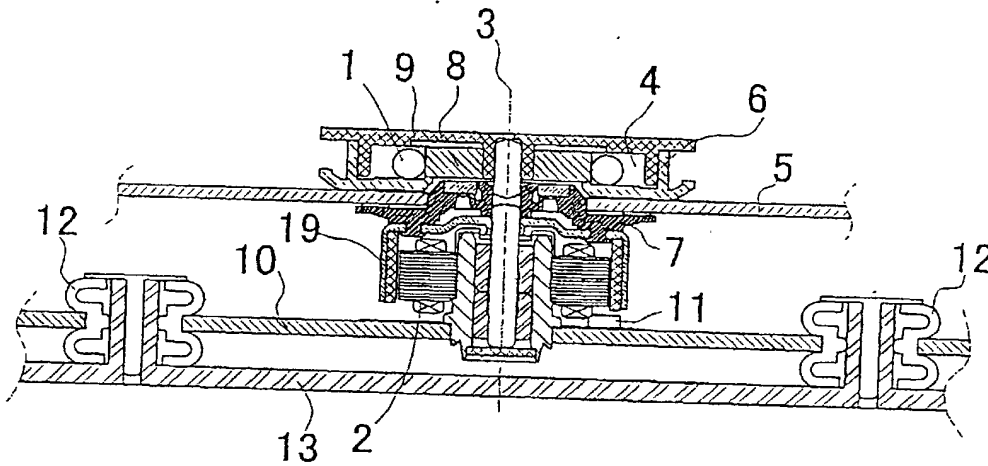


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FIG. 14

Multiple speed for recording/reproduction	Recording/reproduction position (mm)	Rotation speed of disk (rpm)	Ratio of innermost rotation speed and outer most rotation speed
1	$\phi$ 44.7	598.47 (9.97Hz)	3.08
	$\phi$ 118	194.32 (3.24Hz)	
2	$\phi$ 44.7	1196.94 (19.95Hz)	3.08
	$\phi$ 118	388.64 (6.48Hz)	
4	$\phi$ 44.7	2393.88 (39.9Hz)	3.08
	$\phi$ 118	777.29 (12.95Hz)	
8	$\phi$ 44.7	4787.76 (79.8Hz)	3.08
	$\phi$ 118	1554.57 (25.91Hz)	

FIG. 15A

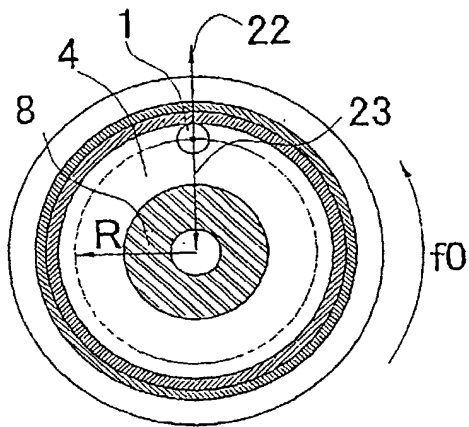


FIG. 15B

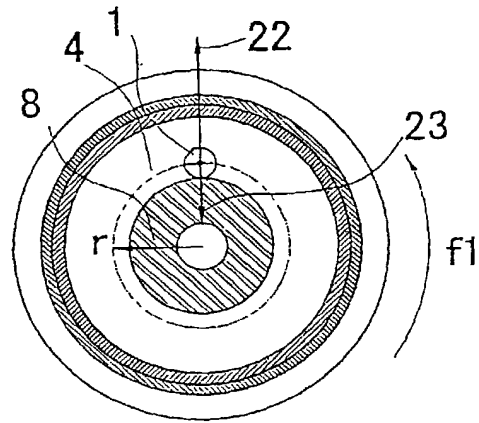
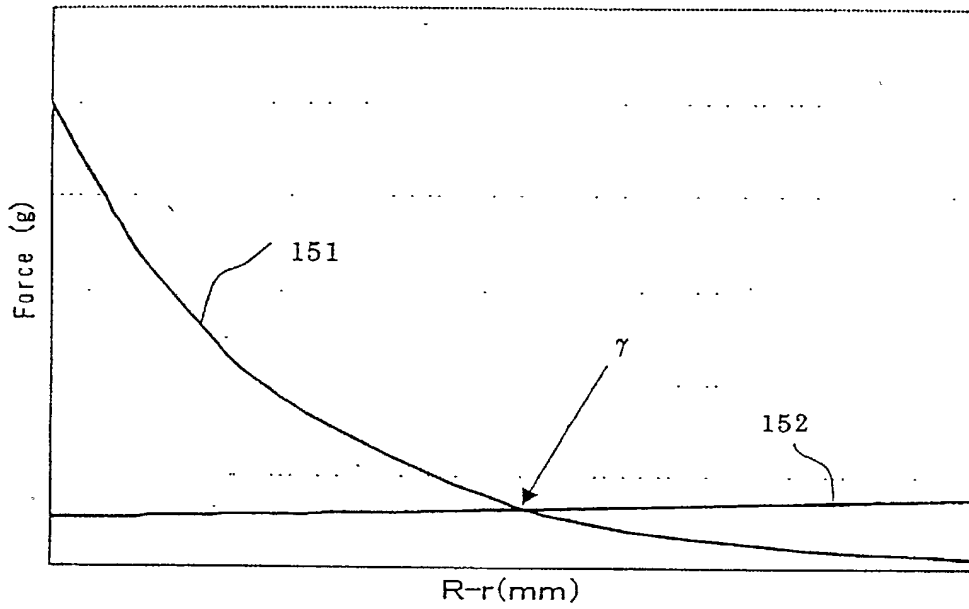


FIG. 16

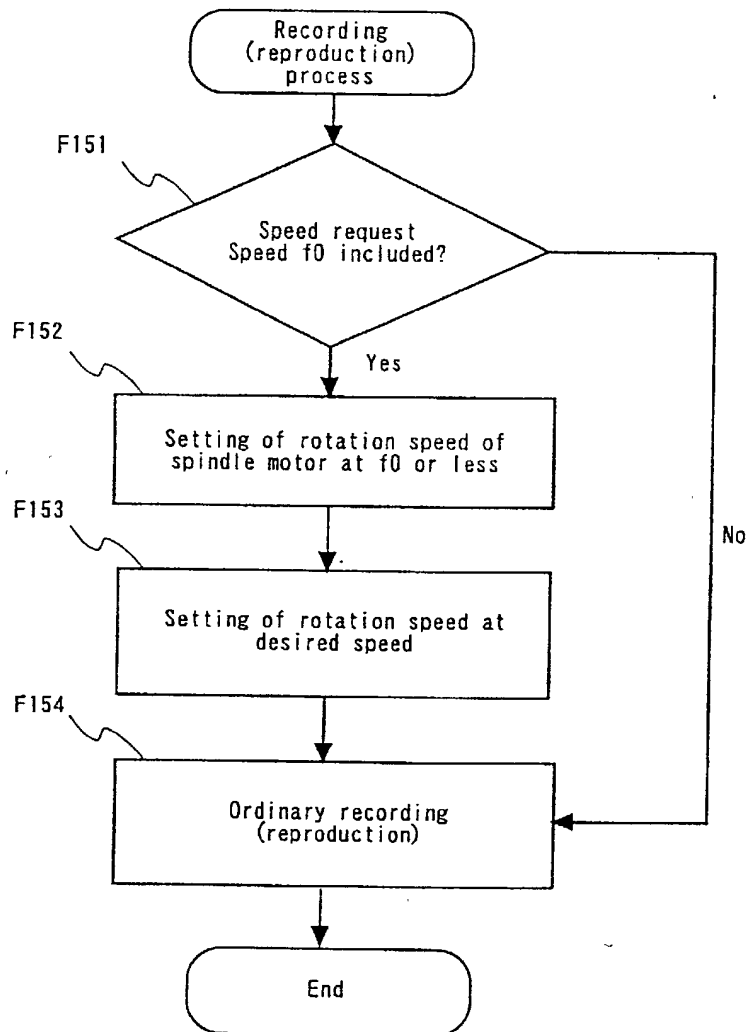


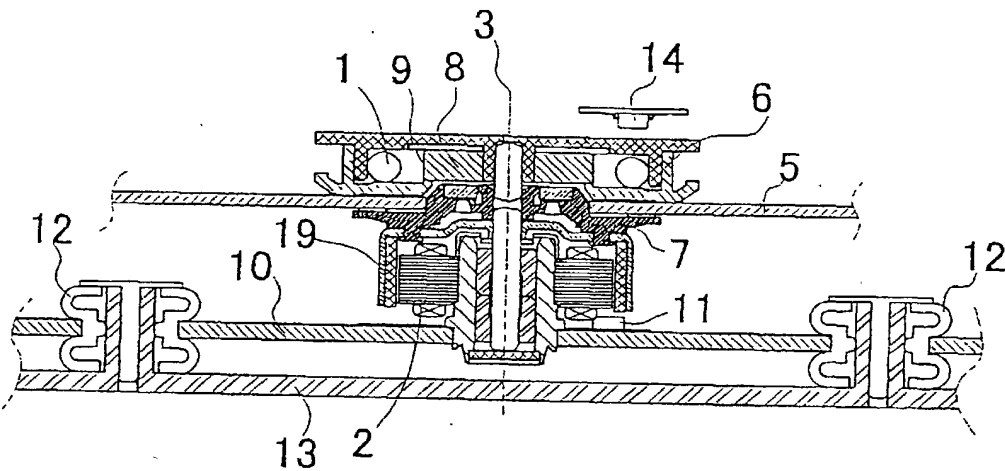


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FIG. 17





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FIG. 19A

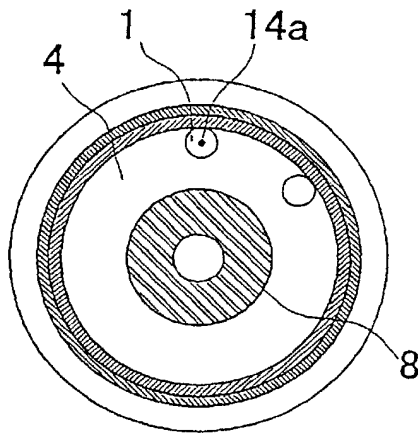
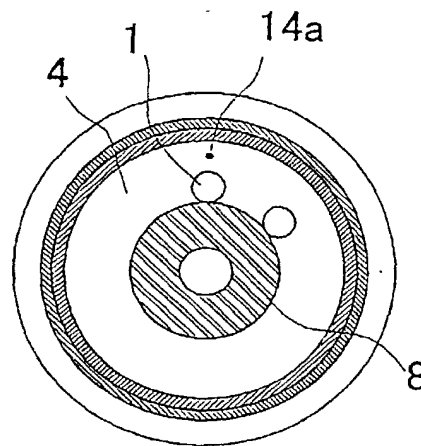
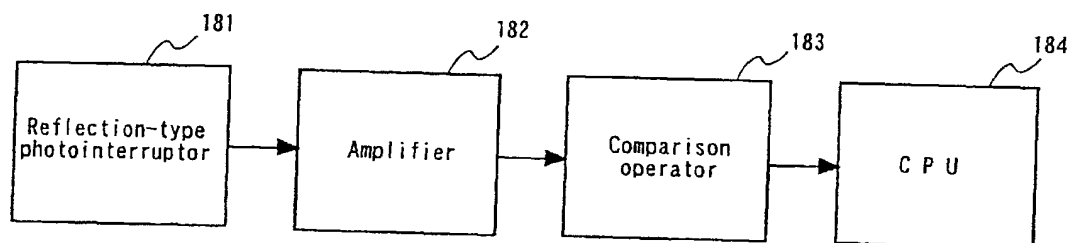


FIG. 19B



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FIG. 20



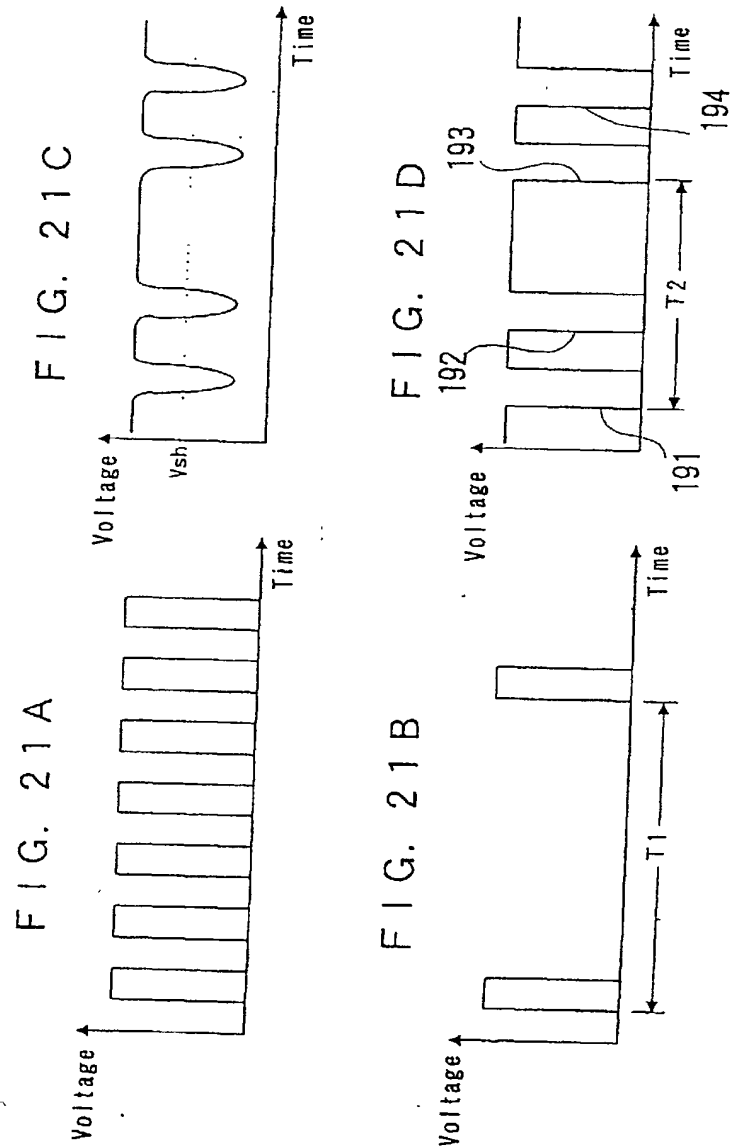


FIG. 22B

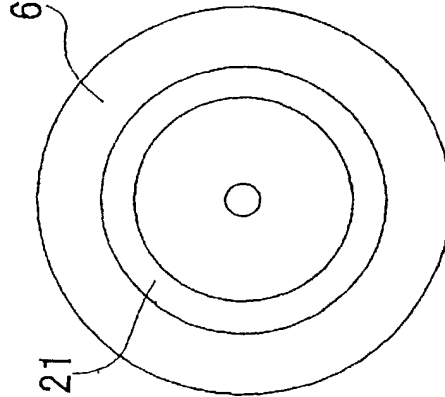
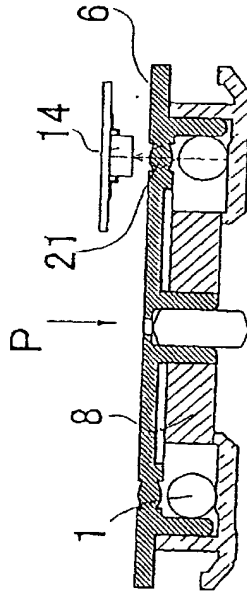


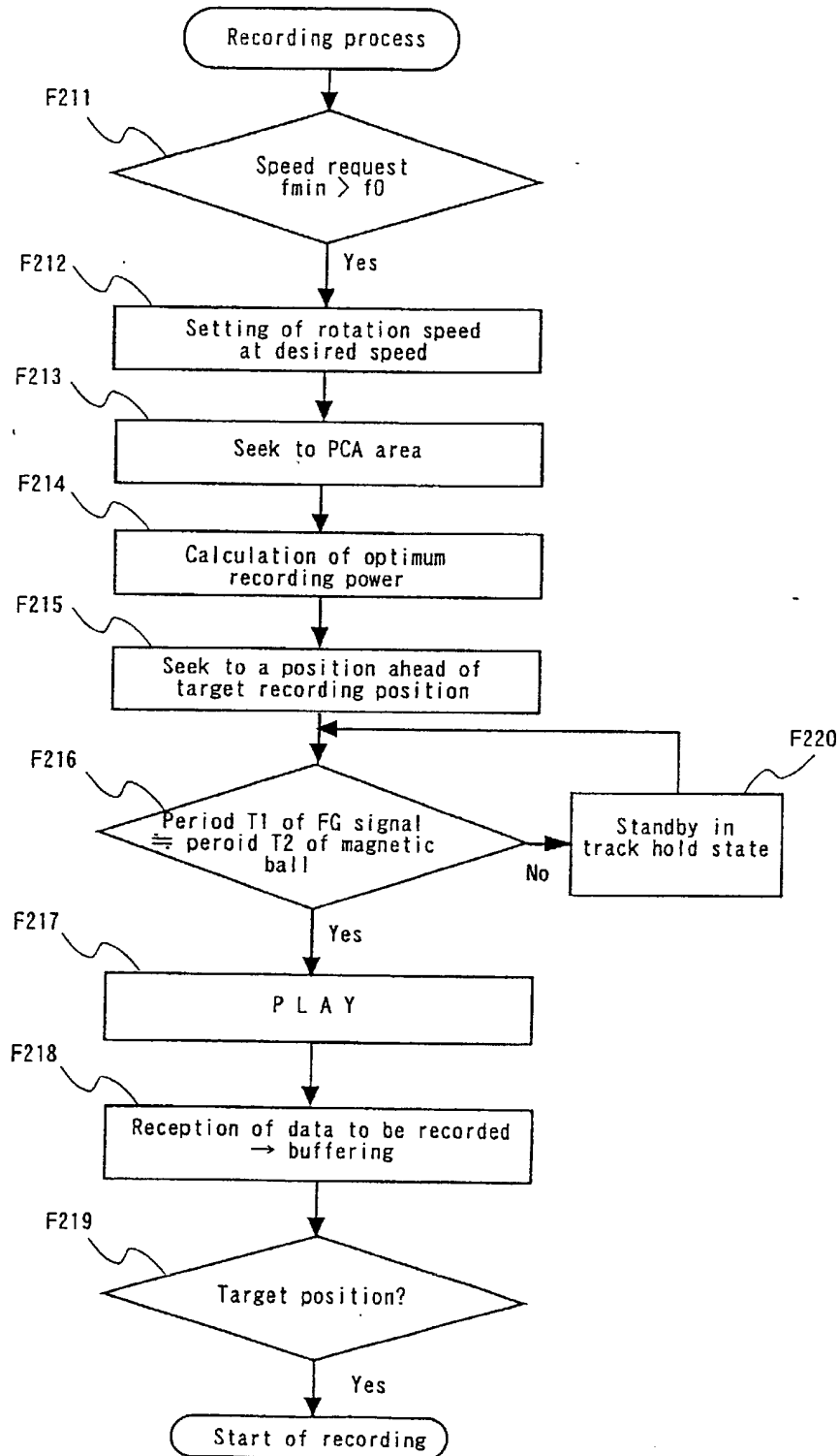
FIG. 22A

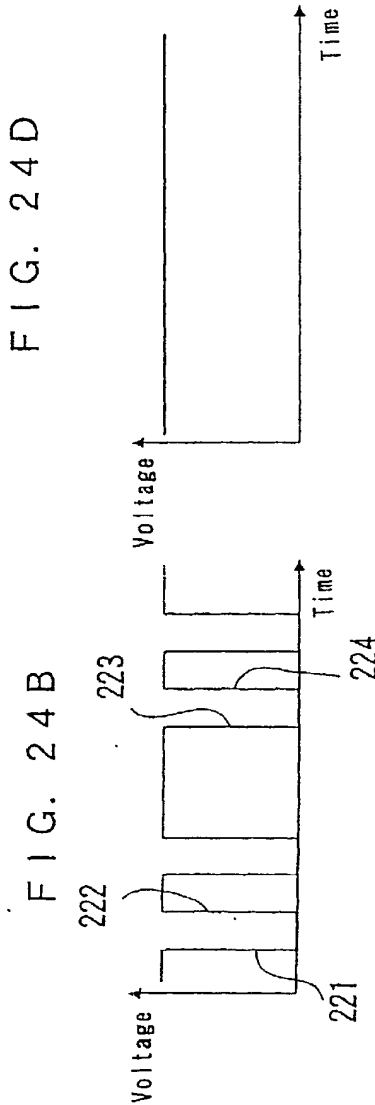
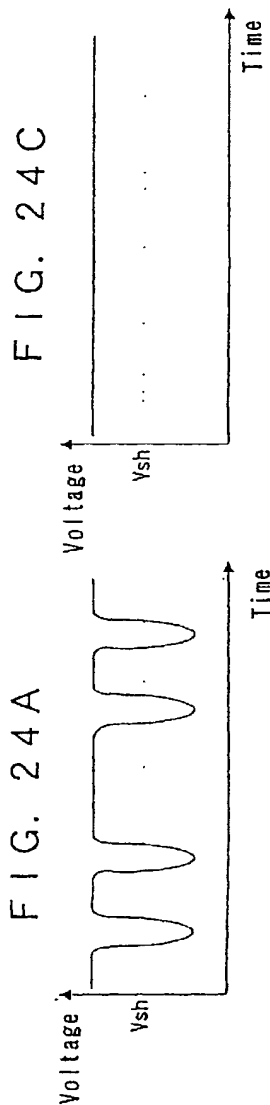


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FIG. 23



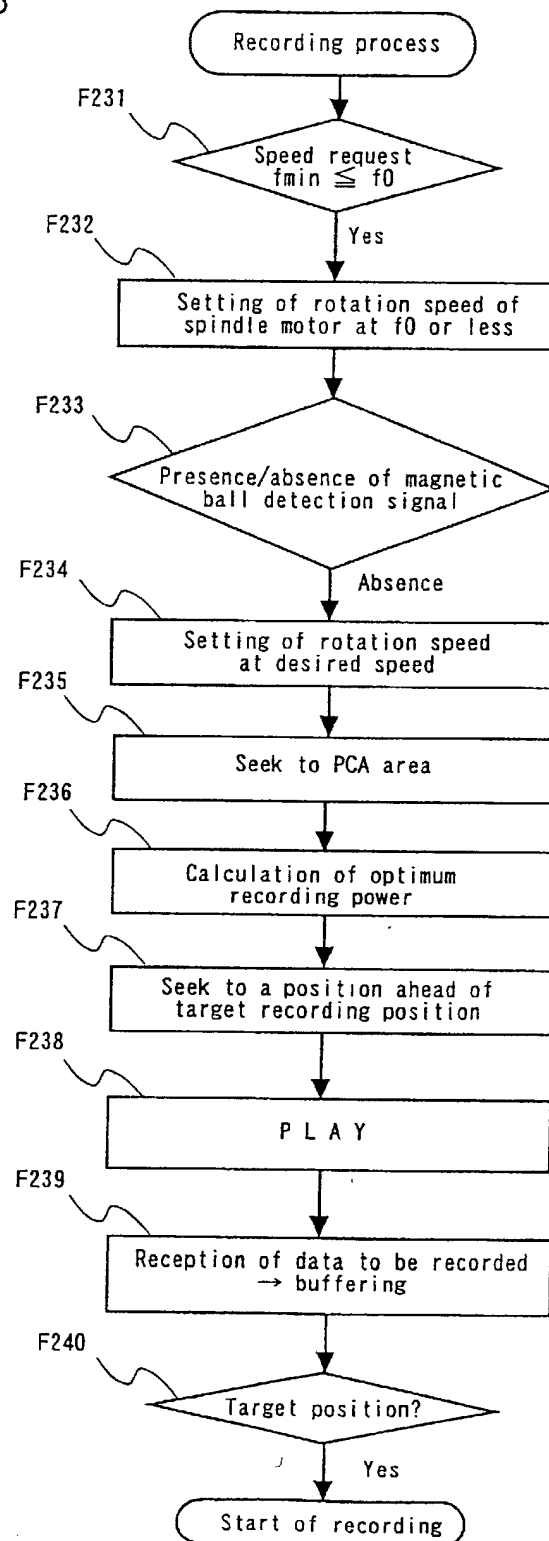




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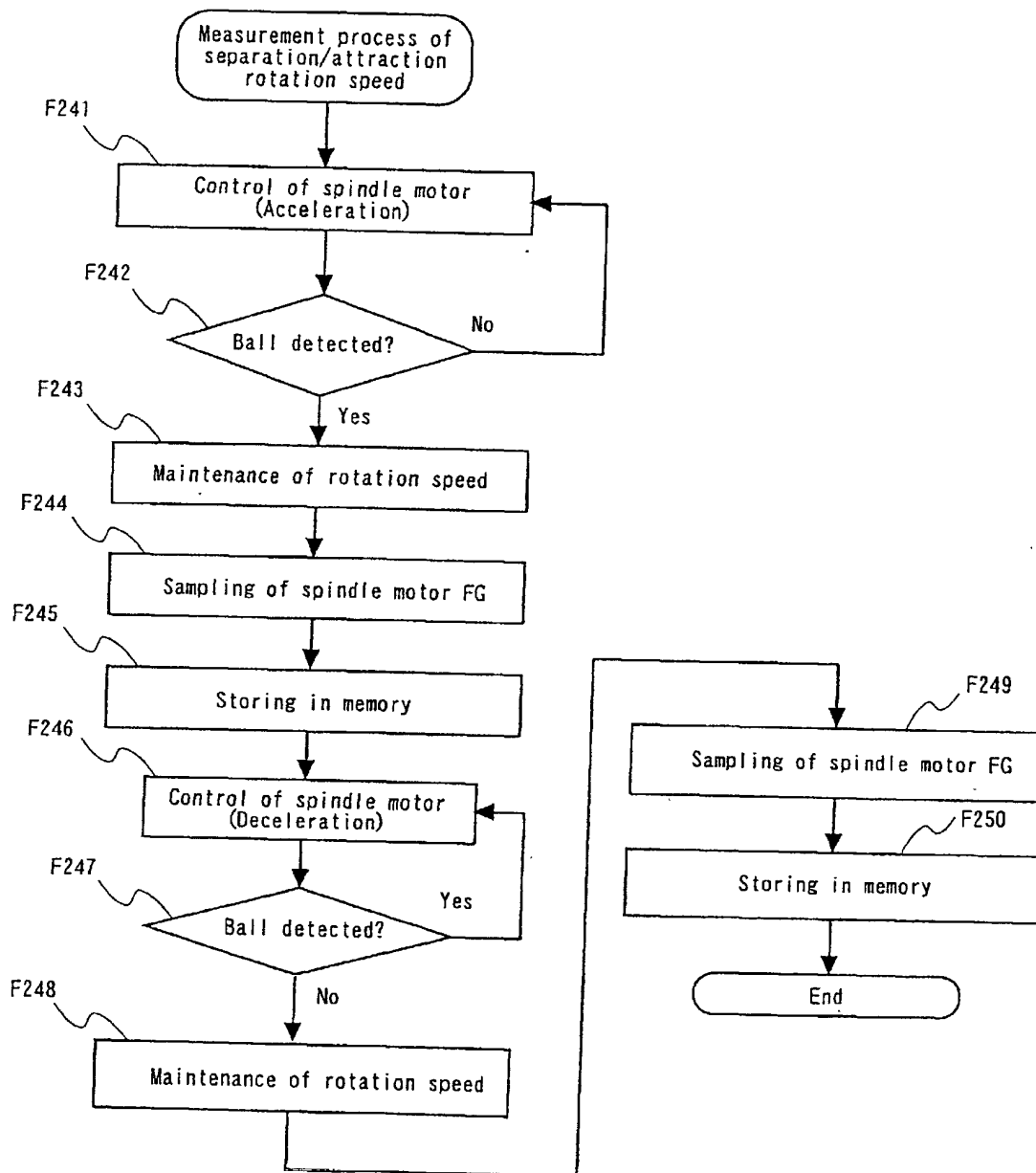
FIG. 25



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FIG. 26



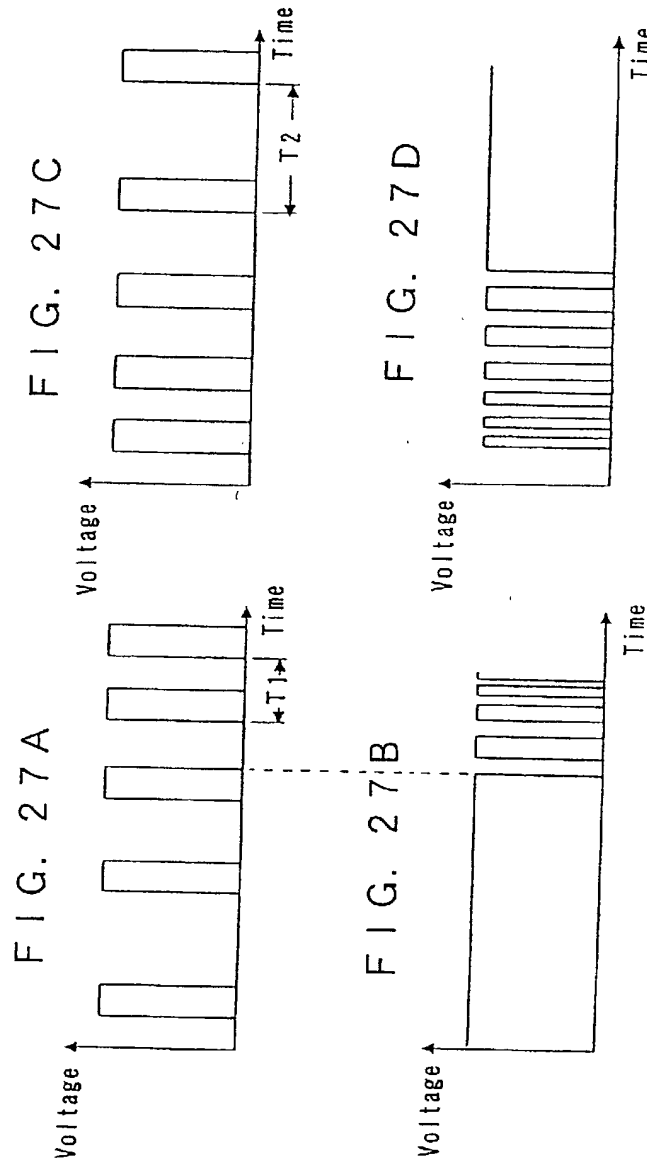
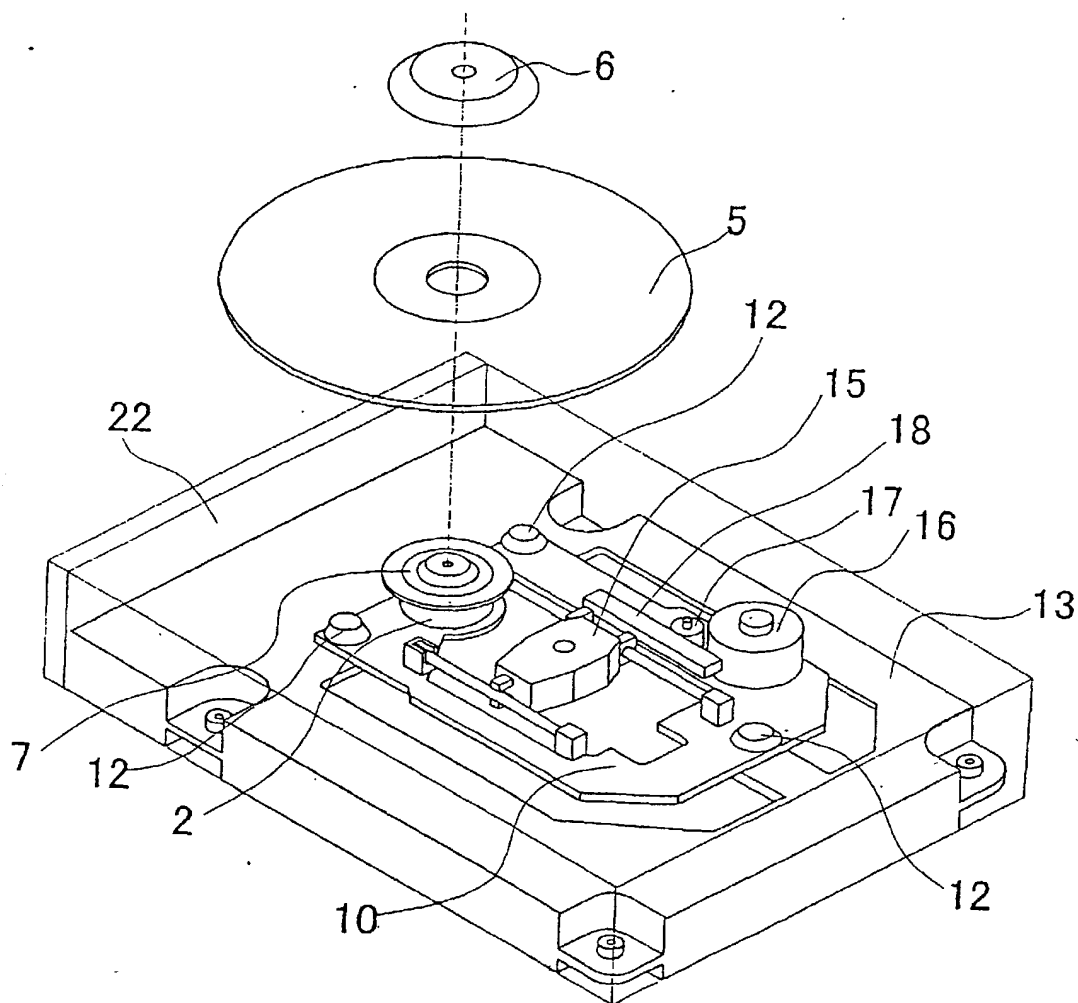


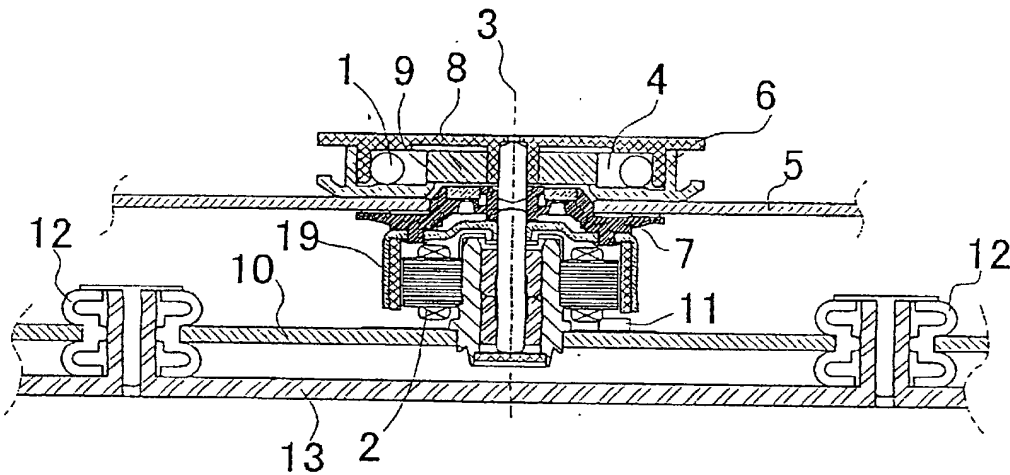
FIG. 28

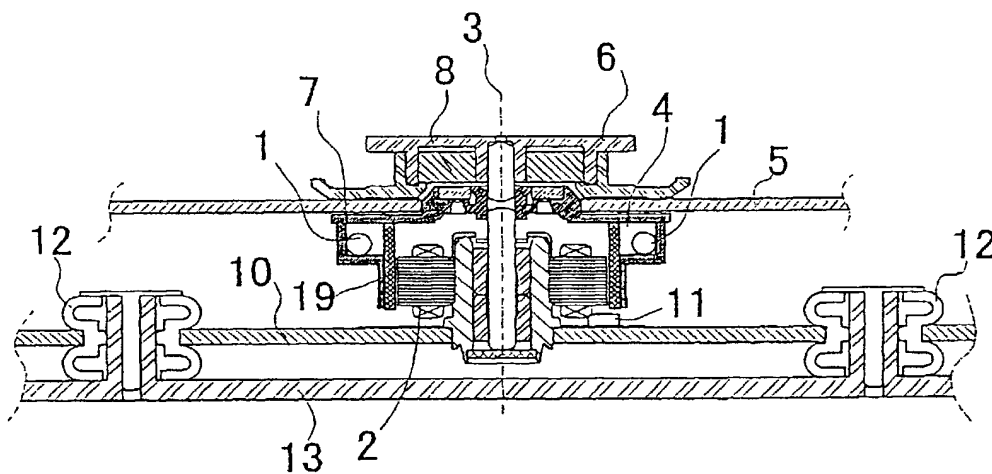


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**SECRET**

FIG. 31

